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Figure 2

SECURITY SAFEGUARDS TO BE PROVIDED
BY THE AUTOMATED SYSTEM

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SAFEGUARDS Derived from DOD CSC Criteria	Applicable to System	Supported by Automated System	Compensating Security Procedure
SAFEGUARDS Required for Dedicated Mode*			
1. Identification and Authentication	Yes	Yes	--
2. System Integrity	Yes	No	None
3. Security Testing	Yes	No	Yes
4. Audit	Yes	Yes	--
5. Labeling of Human-Readable Output	Yes	No	Yes
SAFEGUARDS Required for System High Mode*			
6. Discretionary Access Controls	Yes	Yes	--
7. Object Reuse	Yes	No	Yes
8. Labels	yes	No	No
9. Label Integrity	No	No	Yes
10. Exportation of Labeled Information	No	No	Yes
11. Exportation to Multilevel Devices	No	No	Yes
12. Exportation to Single-level Devices	Yes	Yes	--
13. Design Specification and Verification	Yes	No	Yes
14. Trusted Facility Management	Yes	Yes	--
15. Configuration Management	Yes	Yes	--
SAFEGUARDS Required for Compartmented Mode*			
16. System Architecture	No	No	Yes
17. Mandatory Access Controls	No	Yes	Yes
18. Subject Sensitivity Labels	No	No	--
19. Device Labels	No	Yes	--
20. Trusted Path	No	Yes	--
21. Covert Channel Analysis	No	No	No

Modes are defined in DCID 1/16. The application of these criteria to the DCID 1/16 modes of operation is strictly for use as a COMPUSEC evaluation methodology.

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Figure 3

ADMINISTRATIVE AND ENVIRONMENTAL
SAFEGUARDS PROVIDED IN SUPPORT

Administrative SAFEGUARDS	Applicable	Compliance
22. System Security Plan	Yes	Yes
23. Annual Accreditation Requirement	Yes	No
24. Accreditation Recording	Yes	No
25. Awareness of and Compliance with Appropriate Security Policies	Yes	No
26. Intelligent Terminals and Personal Computers	No	--
27. External Marking of Removable Storage Media	Yes	Yes
28. Clearance of Maintenance Personnel	Yes	Yes
29. Access Authorization Approvals	Yes	Yes
30. Two Independent Access Authentication Mechanisms	Yes	Yes
31. Separation of Duties	Yes	Yes
32. Protection of Security-Related Software	Yes	Yes
33. Prohibition on Use of Unencrypted Dial-up Lines	Yes	Yes
34. Automated Message Handling System Auditing Capabilities	No	No
35. Control Mechanisms in Automated Message Handling Systems	No	No
36. Accreditation of Automated Message Handling Systems	No	No
37. Accreditation Authority for Automated Message Processing Systems	No	No
Environmental SAFEGUARDS		
38. Physical Security	Yes	Yes
39. Personnel Security	Yes	Yes
40. TEMPEST	Yes	Yes
41. COMSEC	Yes	Yes

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